



FLAME PROPAGATION PERFORMANCE TREATMENT

Use this section to answer the following questions:

- ... Does a tent 400 sq. ft. or less have to meet the fppt requirements found in Sec. 3104.2 ?
- ... Do the requirements found in Sec. 3104.2 apply only to the tent top ?
- ... Does a tent in excess of 400 sq. ft. have to meet both Sec. 3104.2 and Sec. 3104.3 ?

FLAME PROPAGATION PERFORMANCE TREATMENT

Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

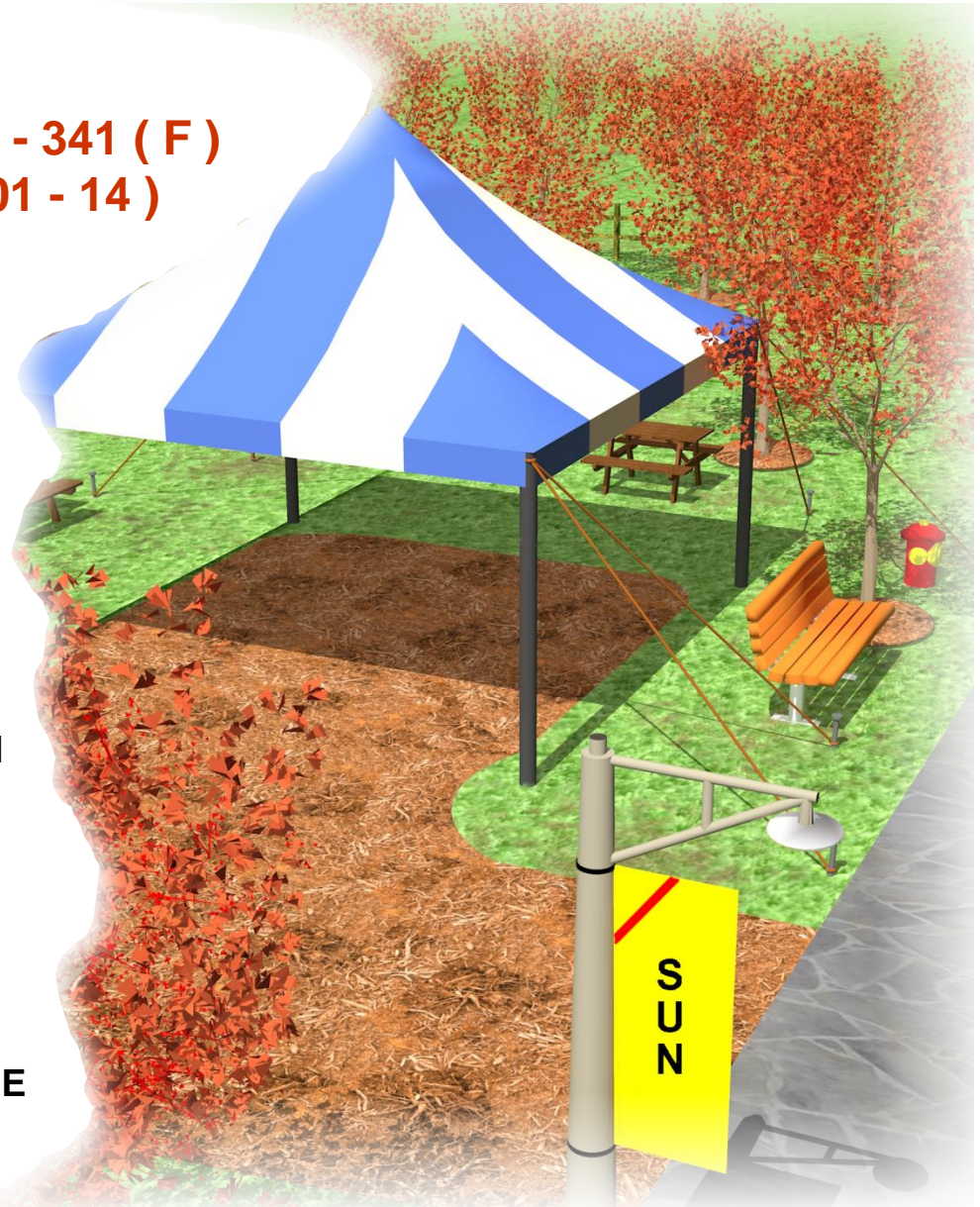


THE OWNER OR AGENT SHALL FILE WITH THE FIRE CODE OFFICIAL A CERTIFICATE EXECUTED BY AN APPROVED TESTING LABORATORY CERTIFYING THAT THE TENTS AND MEMBRANE STRUCTURES AND THEIR APPURTENANCES; SIDEWALLS, DROPS, AND TARPAULINS; FLOOR COVERINGS, BUNTING AND COMBUSTIBLE DECORATIVE MATERIALS AND EFFECTS, INCLUDING SAWDUST WHEN USED ON FLOORS OR PASSAGEWAYS, ARE COMPOSED OF MATERIAL MEETING THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 OR SHALL BE TREATED WITH A FLAME RETARDANT IN AN APPROVED MANNER AND MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701, AND THAT SUCH FLAME PROPAGATION PERFORMANCE CRITERIA ARE EFFECTIVE FOR THE PERIOD SPECIFIED.

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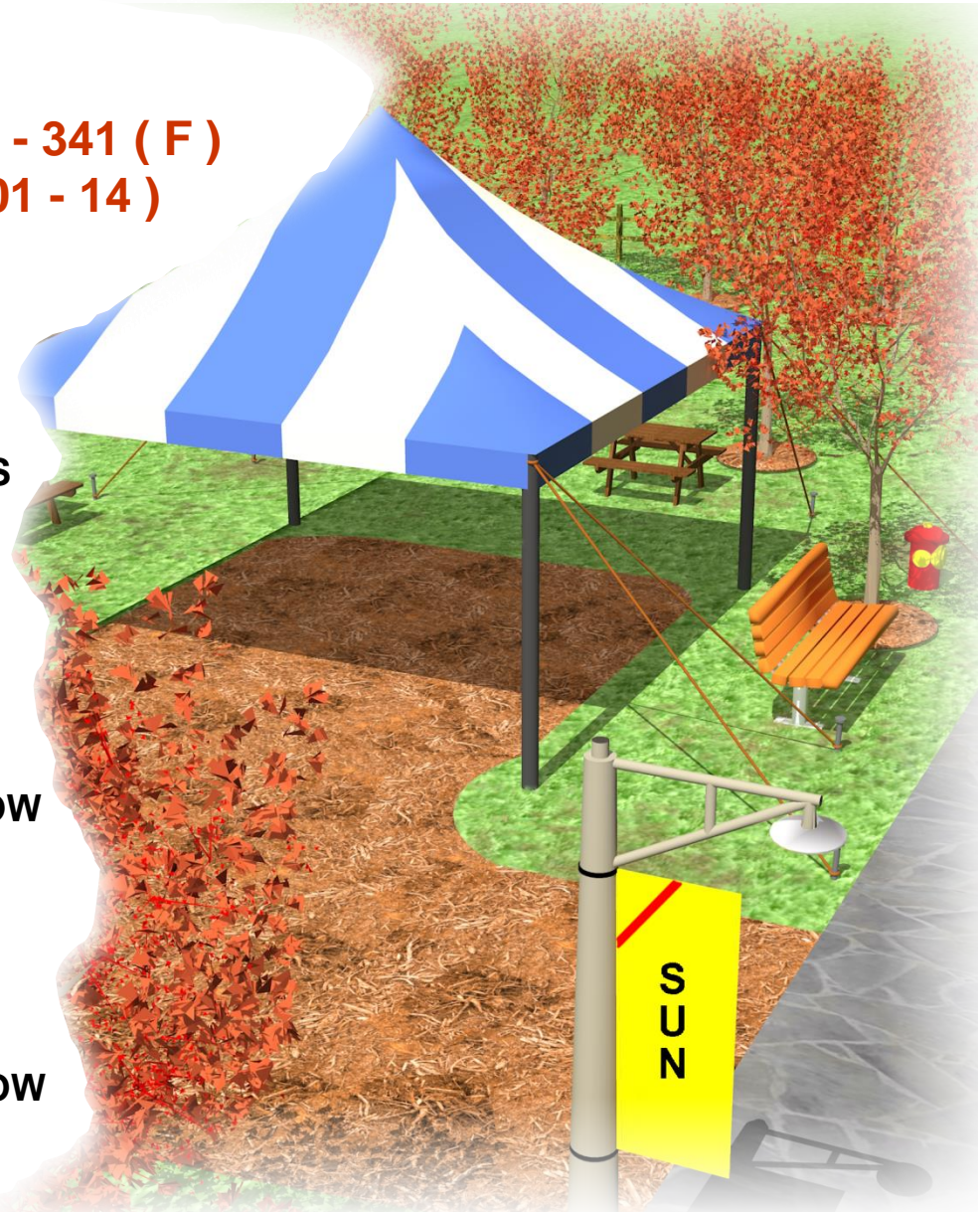
- THE 3 CODE SECTIONS AMENDED IN THE SCOPE ARE 3104.7, 3104.15.5 AND 3104.15.6
- THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING
- THE FPPT OF THIS TENT HAS NOTHING TO DO WITH OPEN FLAME AND / OR COOKING, THEREFORE,



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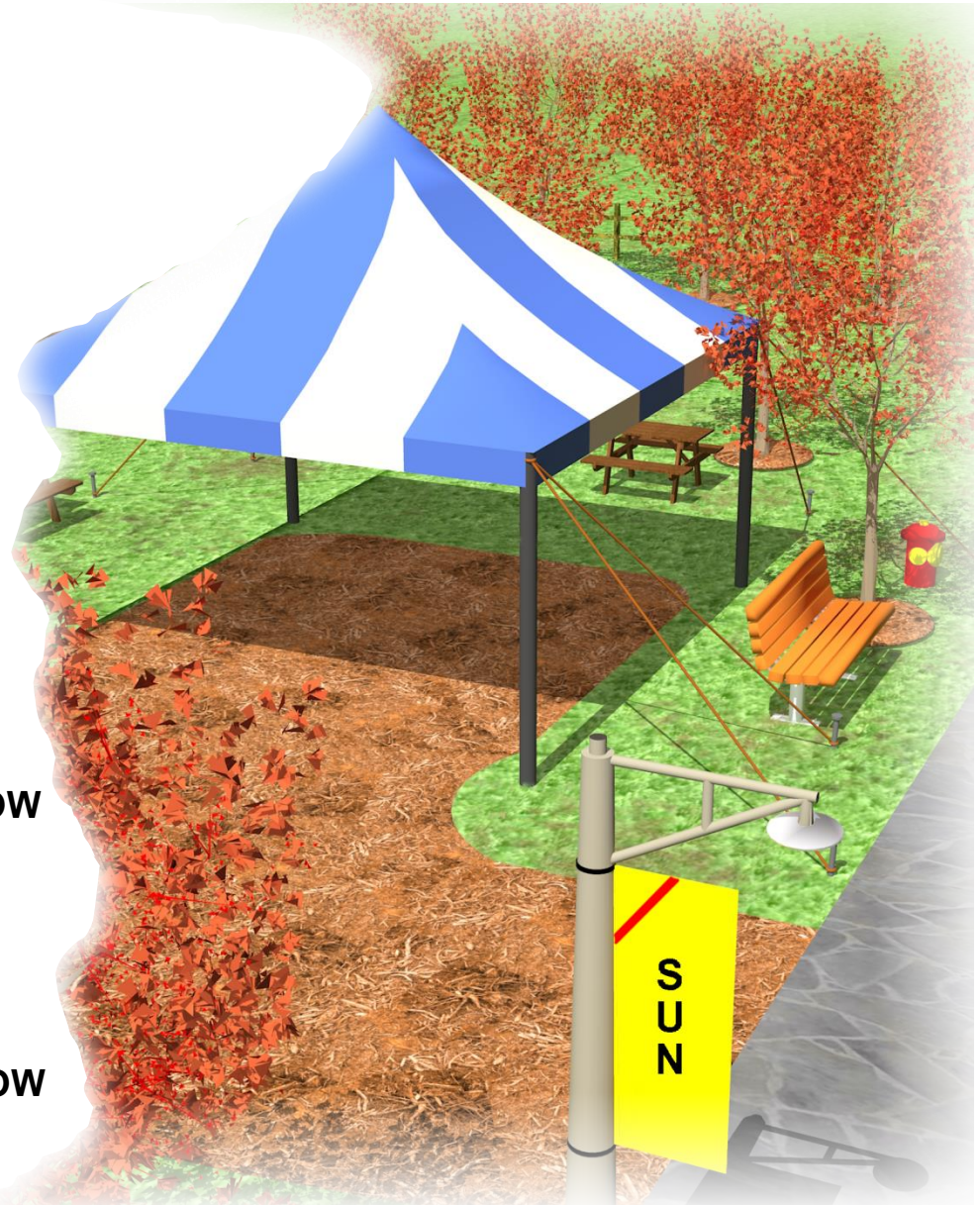
- DUE TO THE WAY THE SCOPE HAS BEEN WRITTEN, THIS TENT DOES NOT HAVE TO MEET SEC. 3104.2
- THE TYPE OF ACTIVITY UNDER THIS TENT DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED
- THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED



LABEL

“Scope” Tents

- ALSO, DUE TO THE SCOPE, THIS TENT DOES NOT HAVE TO MEET SEC. 3104.3, LABEL
- THE TYPE OF ACTIVITY UNDER THIS TENT DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED
- THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED



SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

THIS IS THE ONLY CODE
SECTION THAT APPLIES IN CH. 31.

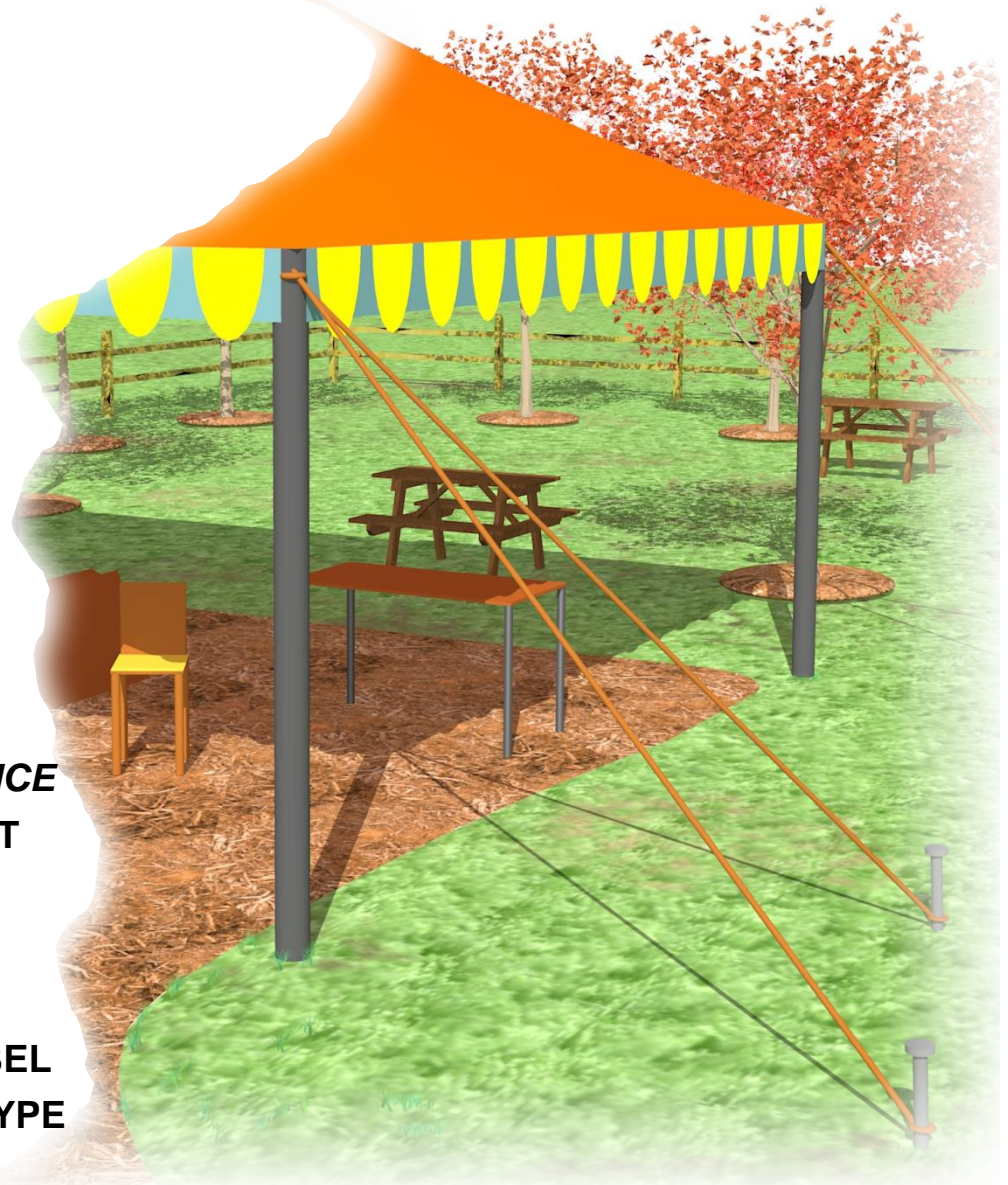


FPPT AND
A “SCOPE” TENT

FLAME PROPAGATION PERFORMANCE TREATMENT

“Regular” Tents

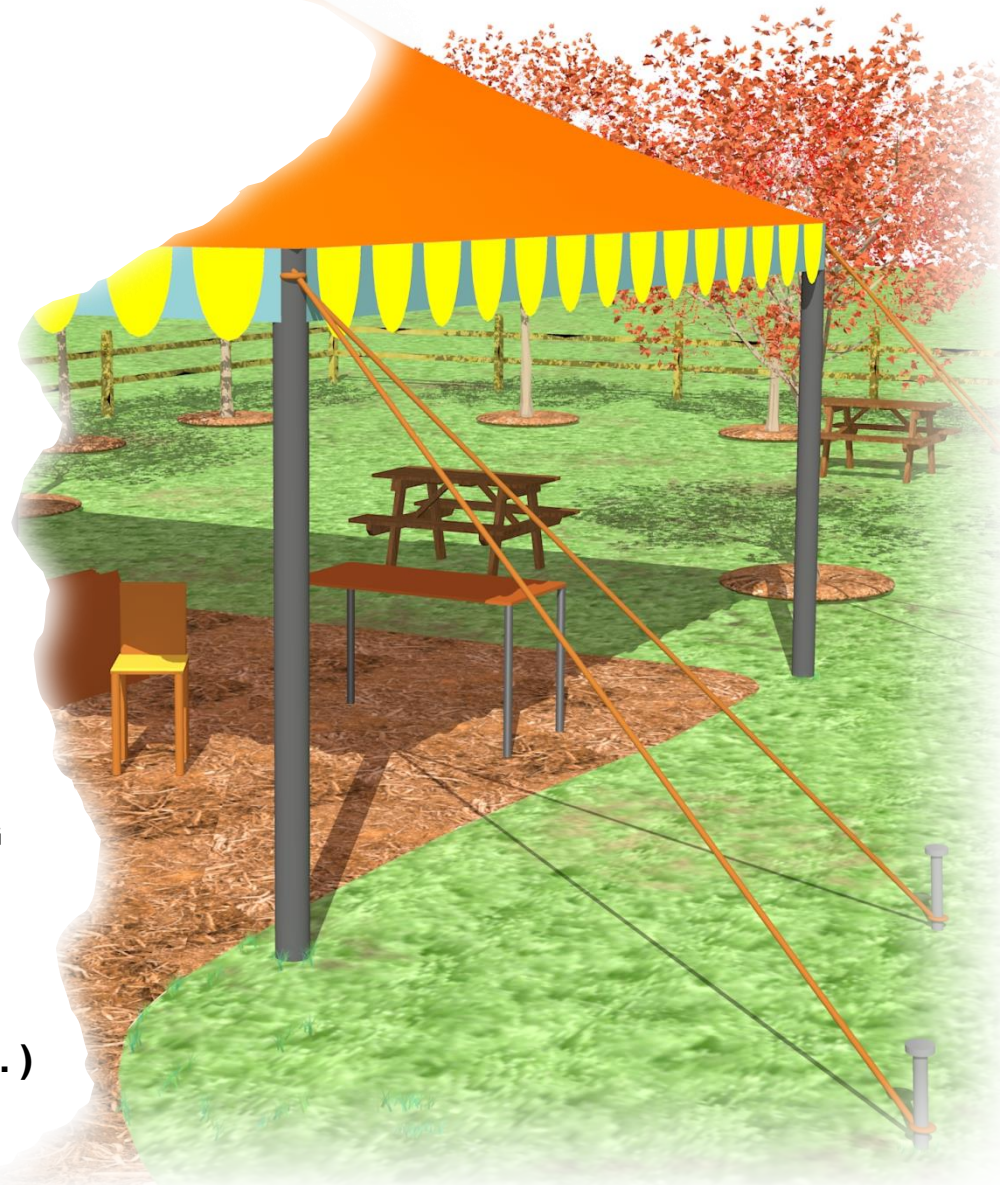
- DUE TO THE SIZE OF THIS TENT, IN EXCESS OF 400 SQ. FT., ALL OF CHAPTER 31 IS APPLICABLE
- THEREFORE, SECTION 3104.2, *FLAME PROPAGATION PERFORMANCE TREATMENT*, APPLIES TO THIS TENT
- ALSO, SECTION 3104.3, *LABEL*, IS APPLICABLE TO THIS TENT; A LABEL BEARING THE SIZE AND FABRIC TYPE



FLAME PROPAGATION PERFORMANCE TREATMENT

“Regular” Tents

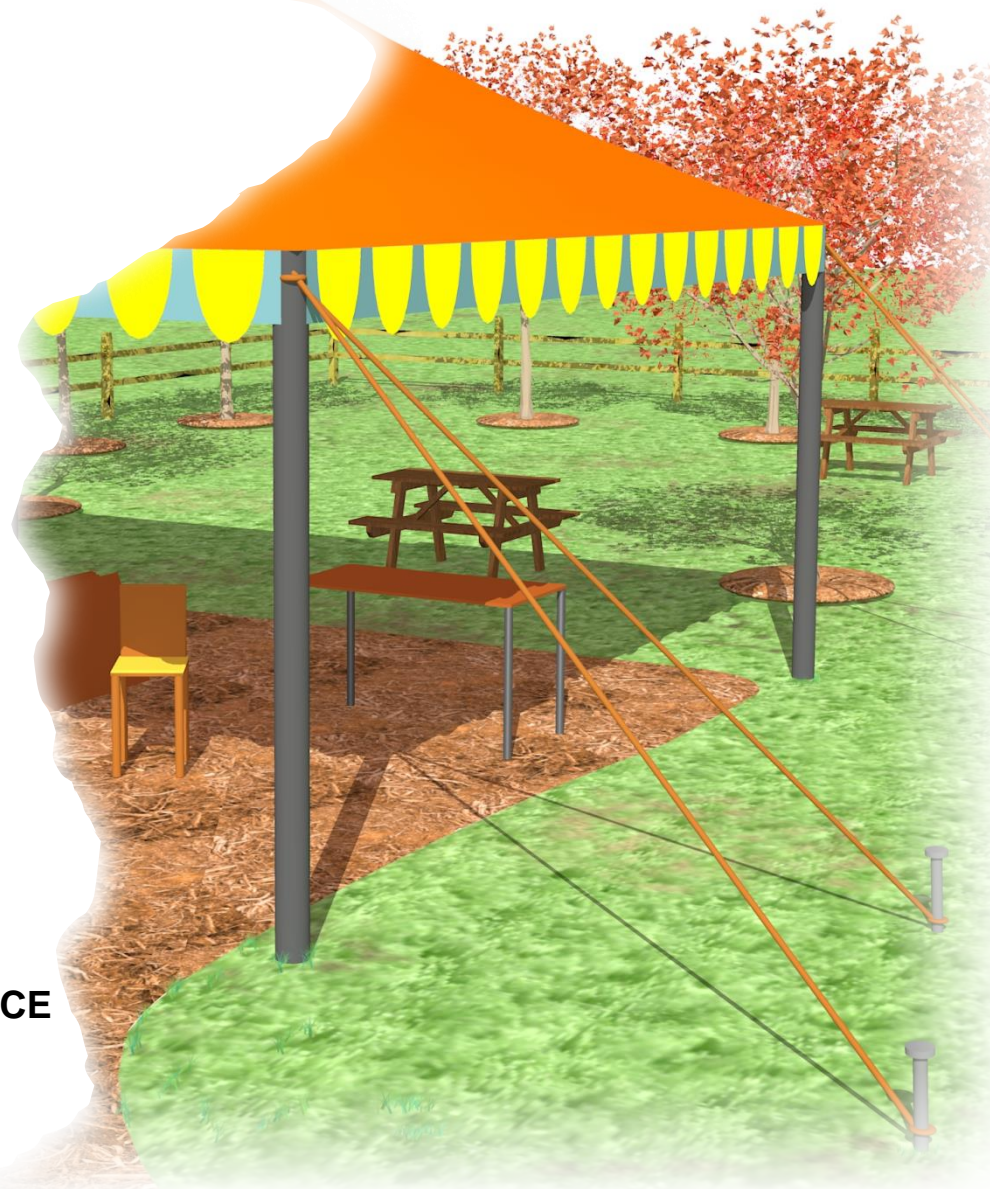
- THE TEXT FOUND IN SEC. 3104.2, *FLAME PROPAGATION PERFORMANCE TREATMENT* IS
- REFERRING TO A CERTIFICATE EXECUTED BY AN APPROVED TESTING LABORATORY CERTIFYING
- THAT THE TENT AND THE APPURTENANCES (SIDEWALLS, ETC.) MEET THE CRITERIA OF NFPA 701



FLAME PROPAGATION PERFORMANCE TREATMENT

“Regular” Tents

- OR, THE TENT AND THE APPURTENANCES (SIDEWALLS, DROPS, ETC.) SHALL BE
- TREATED WITH A FLAME RETARDANT IN AN APPROVED MANNER AND MEET THE
- FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701, FOR THE PERIOD SPECIFIED



LABEL



**MEMBRANE STRUCTURES OR TENTS SHALL
HAVE A PERMANENTLY AFFIXED LABEL
BEARING THE IDENTIFICATION OF SIZE AND
FABRIC OR MATERIAL TYPE.**

LABEL



**WHEN A TENT HAS TO MEET THE
FPPT REQUIREMENTS, IT HAS TO
HAVE THE FOLLOWING:**

- **A PERMANENTLY AFFIXED LABEL**
- **BEARING THE IDENTIFICATION OF SIZE, AND**
- **FABRIC OR MATERIAL TYPE**

LABEL

Eureka! Party Tents

Binghamton, NY



Flame Retardant Process Will Not Be
Removed From Washing

Made In
USA

Fabric Meets Requirements Of:

NFPA-701 (Large Scale) MIL-C-43006 FMVSS-302

CAN/ULC-S109-MB7 CPAI-84

Tent Size & Model

Lot No.

Date Manufactured

40 X 40 2PK New traditional
214-144
Serial No. V 003928
2/14/06

B10

SUMMARY: the following code sections govern this scenario

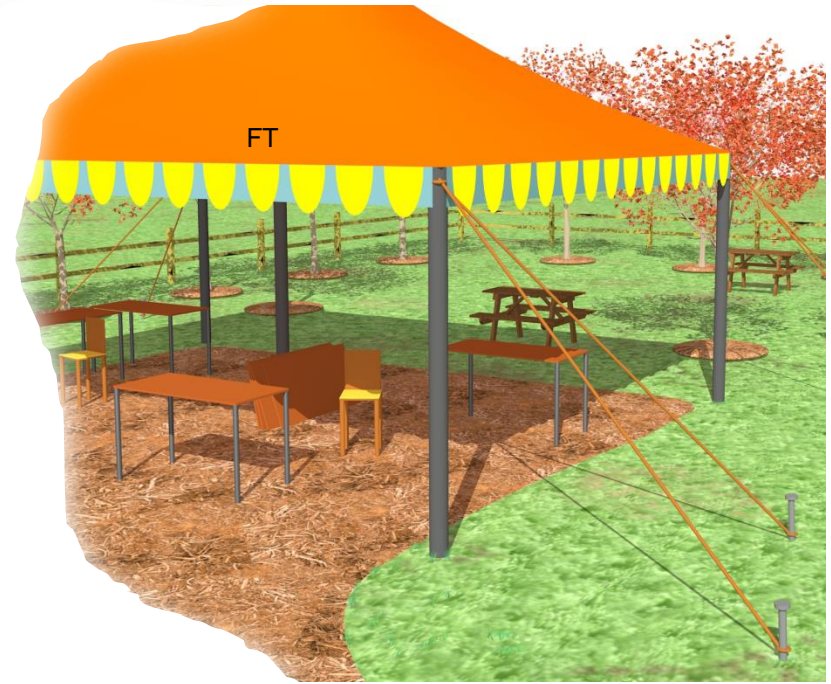
■ **Sec. 3101.1 – Scope**

■ **Sec. 3104.2 – Flame propagation performance treatment**

→ Applicable to this scenario.

■ **Sec. 3104.3 – Label**

→ Applicable to this scenario.



FPPT AND
A "REGULAR" TENT



SMOKING

Use this section to answer the following questions:

- ... Is smoking permitted in a tent 400 sq. ft. or less ?
- ... Are cigarettes, cigars and pipes treated the same ?
- ... Do approved "no smoking" signs have to be posted in a tent in excess of 400 sq. ft. ?

SMOKING



**SMOKING SHALL NOT BE PERMITTED IN TENTS OR
MEMBRANE STRUCTURES. APPROVED “NO SMOKING”
SIGNS SHALL BE CONSPICUOUSLY POSTED IN
ACCORDANCE WITH SECTION 310.**

SMOKING

OSFM POLICY # 3 – 3104.6



**SMOKING SHALL NOT BE PERMITTED IN TENTS OR
MEMBRANE STRUCTURES. APPROVED “NO SMOKING”
SIGNS SHALL BE CONSPICUOUSLY POSTED IN
ACCORDANCE WITH SECTION 310.**

For the purposes of enforcing Sec. 3104.6, the Office of the State Fire Marshal (OSFM) does not feel that a lit cigarette / cigar / pipe qualifies as *Open or exposed flame*, Sec. 3104.7. Therefore, the OSFM has never tried to use Sec. 3104.7, *Open or exposed flame*, to address smoking in “scope” tents.

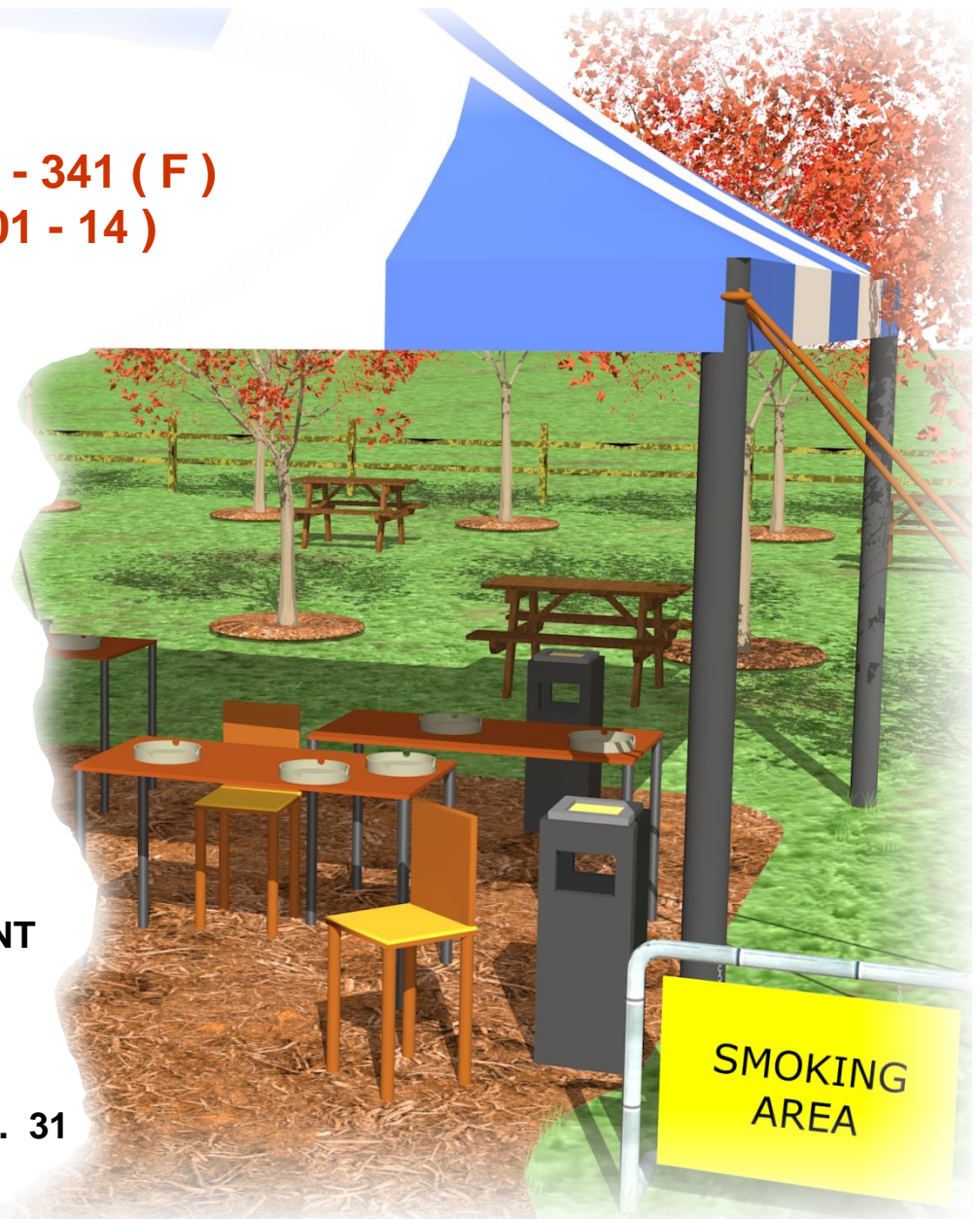


SMOKING
AREA

SMOKING

Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- THIS SCENARIO IS A “SCOPE” TENT; 400 SQ. FT. OR LESS
- WITH SMOKING INSIDE THE TENT
- DUE TO THE SIZE OF THIS TENT AND THE ACTIVITY INSIDE THE TENT
- THE *SCOPE* IS THE ONLY APPLICABLE CODE SECTION IN CH. 31



SMOKING

Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- THE 3 CODE SECTIONS AMENDED IN THE *SCOPE* ARE 3104.7, 3104.15.5 AND 3104.15.6
- THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING
- THE ACTIVITY INSIDE THIS TENT HAS NOTHING TO DO WITH OPEN FLAME AND / OR COOKING, THEREFORE,
- DUE TO THE WAY THE *SCOPE* HAS BEEN WRITTEN, THIS TENT DOES **NOT** HAVE TO MEET ANYTHING IN CH. 31



SMOKING

“Scope” Tents

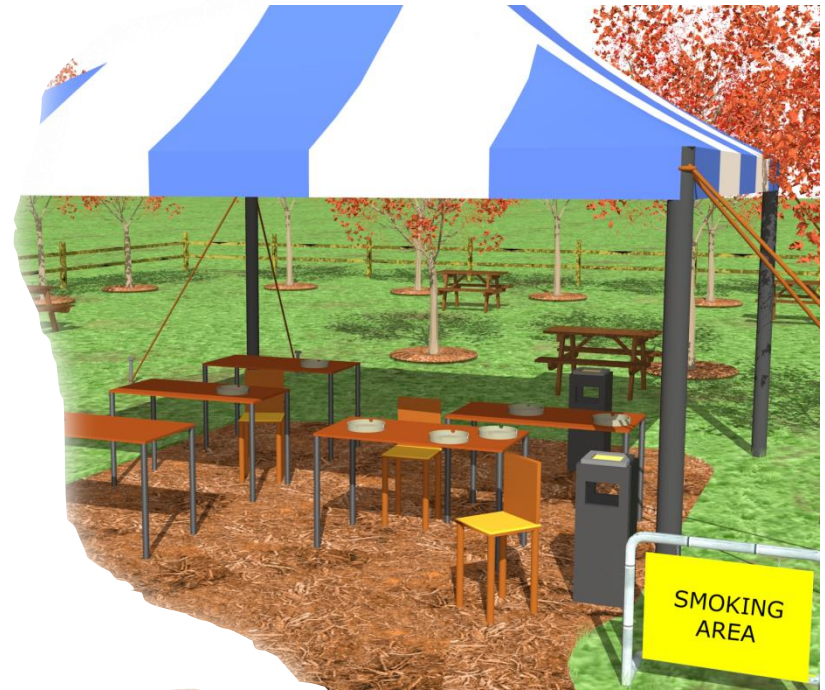
- DUE TO THE *SCOPE*, THIS TENT WITH SMOKING INSIDE DOES NOT HAVE TO MEET SEC. 3104.6
- THIS SLIDE PERTAINS TO ALL TYPES OF SMOKING MATERIALS; CIGARETTES, CIGARS AND PIPES
- THE INSTALLATION OF SIDEWALLS OR DROPS DOES NOT CHANGE HOW THIS SCENARIO IS HANDLED



SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

THIS IS THE ONLY CODE
SECTION THAT APPLIES IN CH. 31.



SMOKING UNDER
A "SCOPE" TENT

SUMMARY: SMOKING



V

FT

SMOKING
AREA



SMOKING

V

“Regular” Tents

- THIS SCENARIO IS A “REGULAR” TENT; IN EXCESS OF 400 SQ. FT.
- WITH SMOKING INSIDE THE TENT
- DUE TO THE SIZE OF THIS TENT, ALL OF CHAPTER 31 IS APPLICABLE
- THEREFORE, SECTION 3104.6, *SMOKING*, APPLIES



SMOKING

V

“Regular” Tents

- SMOKING MAY **NOT** OCCUR INSIDE THE TENT. THIS SCENARIO IS A VIOLATION OF SEC. 3104.6, *SMOKING*
- SMOKING SHALL **NOT** BE PERMITTED IN TENTS OR MEMBRANE STRUCTURES



SMOKING

“Regular” Tents

- THIS SCENARIO IS A “REGULAR” TENT; IN EXCESS OF 400 SQ. FT. WITH “NO SMOKING” SIGNS
- APPROVED “NO SMOKING” SIGNS SHALL BE CONSPICUOUSLY POSTED IN ACCORDANCE WITH SECTION 310
- THIS “REGULAR” TENT IS NOW IN COMPLIANCE WITH SECTION 3104.6, *SMOKING*



LOCATION

Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- BECAUSE THIS IS A “REGULAR” TENT, THERE IS ONE MORE CODE SECTION TO STUDY
- SEC. 3103.8.2, EXCEPTION 1, *LOCATION*, IS APPLICABLE TO THIS TENT
- AS LONG AS THE FLOOR AREA OF THIS TENT DOES NOT EXCEED 15,000 SQUARE FEET, AND



LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

- **AS LONG AS “OPEN OR EXPOSED FLAME” EQUIPMENT IS NOT USED (IN THIS SCENARIO THAT IS TRUE)**
- **THERE IS NO SEPARATION DISTANCE BETWEEN THIS TENT AND LOT LINES, BUILDINGS,**
- **OTHER TEMP MEMBRANE STRUCTURES, OTHER TENTS, PARKED VEHICLES OR INTERNAL COMBUSTION ENGINES**

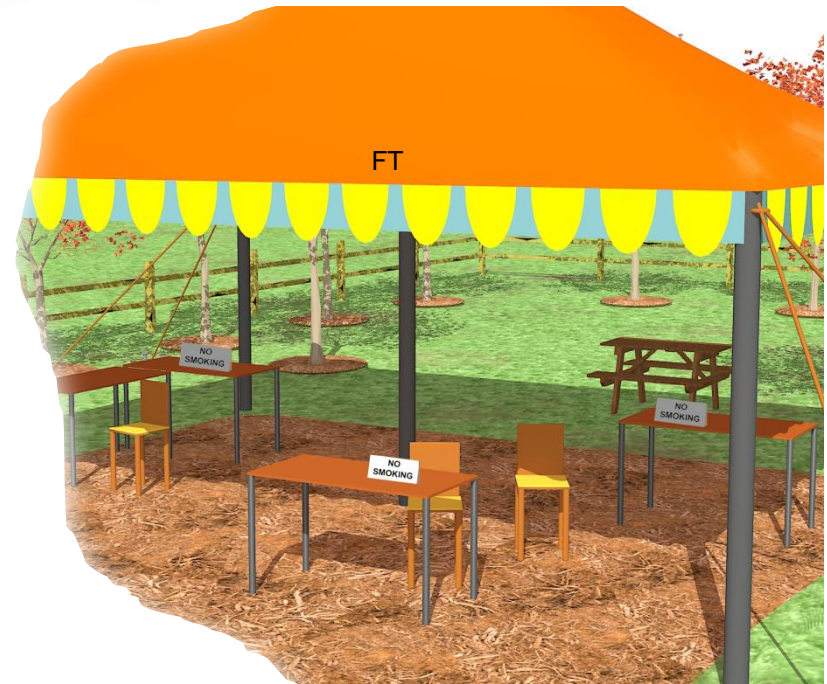


SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

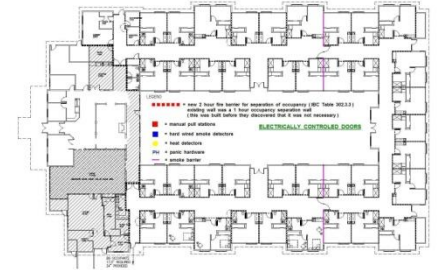
■ **Sec. 3104.6 – Smoking**

└─▶ Applicable to this scenario.



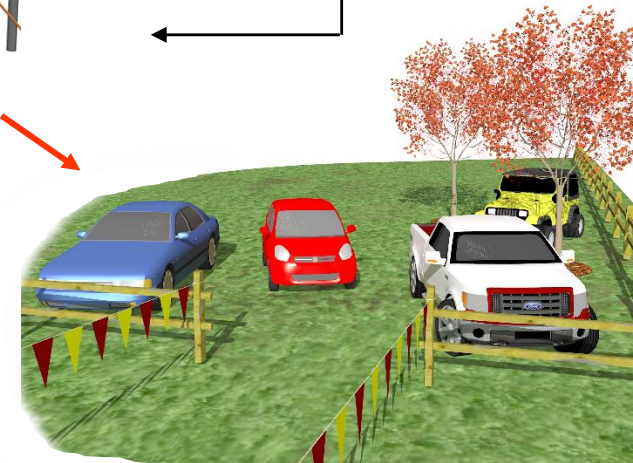
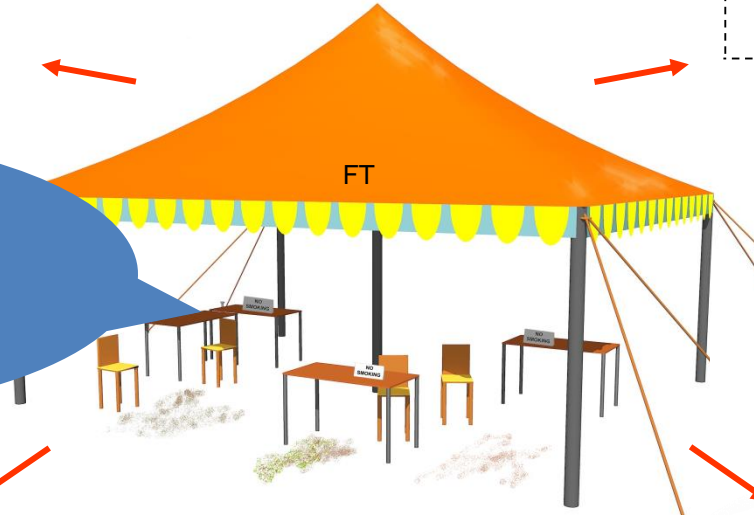
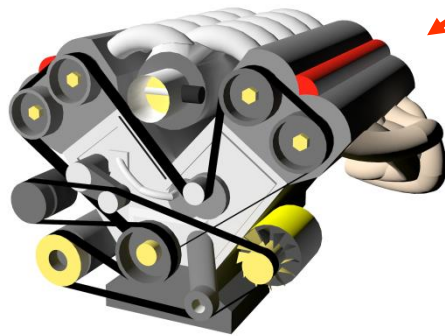
SMOKING AND
A "REGULAR" TENT

SUMMARY: LOCATION



SMOKING IS NOT
PERMITTED UNDER
THE TENT.

THE AREA OF THIS
TENT IS IN EXCESS OF 400
SQUARE FEET AND
DOES NOT EXCEED 15,000
SQUARE FEET



**THERE IS NO SEPARATION DISTANCE BETWEEN
THIS TENT AND THE OTHER ITEMS**



Chapter 31, 2014 Ed. Indiana Fire Code

Tents And Other Membrane Structures

Presented by the State Fire Marshal's Office

Division of Fire and Building Safety